Abstract

A synchronous control circuit of a flyback switching power supply is connected to a secondary side of a transformer. The synchronous control circuit has several sets of power source ends and a set of induction ends. One output end of the power source ends is connected to a rectifying circuit for rectifying the voltage waveform of the power source ends. The induction ends are connected with a rectifying diode to form a detection end. A synchronous control circuit is connected with the power source ends and the detection end, and has a synchronous input end, a control end, and a waveform adjustment end. The synchronous input end is used for input of a synchronous signal. The control end is connected to the rectifying circuit. The waveform adjustment end is connected to a resistor for controlling the rectifying circuit to generate a uniform rectifying response period.